PTO-1390 (Rev. 07-2005)
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ATTORNEY'S DOCKET NUMBER 040285PCTUS TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) **CONCERNING A SUBMISSION UNDER 35 U.S.C. 371** INTERNATIONAL APPLICATION NO. PCT/US2004/011796 INTERNATIONAL FILING DATE 16.04.2004 TITLE OF INVENTION.
Three-Dimentional, Flexible Cell Growth Substrate and Related Methods APPLICANT(S) FOR DO/EO/US Philip R. LeDuc, James D. Kubicek and Stephanie Brelsford Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: 1. X This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. The US has been elected (Article 31). A copy of the International Application as filed (35 U.S.C. 371(c)(2)) | X is attached hereto (required only if not communicated by the International Bureau). X has been communicated by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US). An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). is attached hereto. has been previously submitted under 35 U.S.C. 154(d)(4). Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). An English language translation of the annexes of the International Preliminary Examination Report under PCT 10. L Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: An Information Disclosure Statement under 37 CFR 1.97 and 1.98. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 12. l A preliminary amendment. An Application Data Sheet under 37 CFR 1.76. A substitute specification. A power of attorney and/or change of address letter. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. A second copy of the published International Application under 35 U.S.C. 154(d)(4). A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

JC09 Rec'd PCT/PTO 17 OCT 2005,

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U.S. APPLICATION 0/5532F419 PCT			PCT/US2004/011	PPLICATION NO. 796	ATTORNEY'S DOCKET NUMBER 040285PCTUS		
20. Other items or information:							
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The following fees have been submitted 21. Basic national fee (37 CFR 1.492(a))					\$ 000 00	PTO USE ONLY	
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	TOTAL OF 21, 22	\$900.00					
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Total Sheets	Extra Sheets		additional 50 or fraction up to a whole number)				
- 100 =	/50 =		x \$250		\$		
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).							
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Total claims	157	7 - 20 =	137	x \$ 50	\$6,850.00		
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a. X b	A check in the amount of \$ $4,475.00$ to cover the anount A duplicate copy of this sheet is enclosed. The Commissioner is hereby authorized to charge any additional fees Account No. $11-1110$. A duplicate copy of this sheet is enclosed.	which may be required or credit any symmetric Descrit				
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.						
Chris Kirkpa Henry 535 Sa	LL CORRESPONDENCE TO: tine R. Ethridge, Esq. atrick & Lockhart Nicholson Graham LLP W. Oliver Building mithfield Street burgh, PA 15222-2312	SIGNATURE Christine R. Ethridge NAME 30,557 REGISTRATION NUMBER				

IN THE UNITED STATES RECEIVING OFFICE

In re application of

LeDuc et al.

: THREE-DIMENTIONAL, FLEXIBLE CELL GROWTH

: SUBSTRATE AND RELATED METHODS

International Application No. PCT/US2004/011796

International Filing Date 16 April 2004

Agent Docket No. 040285PCTUS

EXPRESS MAIL CERTIFICATE

Pittsburgh, Pennsylvania 15222 October 17, 2005

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Date of Deposit October 17, 2005

I hereby certify that the following attached paper(s) or fee:

:

- TRANSMITTAL LETTER TO THE UNITED STATES
 DESIGNATED/ELECTED OFFICE CONCERNING A FILING UNDER 35
 U.S.C. 371 (In duplicate- please to charge any additional fees to Deposit Account);
- CHECK PAYABLE TO PTO

are being deposited with the United Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Mail Stop: PCT, Commissioner for Patents, P.O. Box: 1450, Alexandria, VA 22313-1450.

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